Index to Authors

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In order to simplify the Index wherever a patent abstract gives both the name of a firm and individuals, that abstract has been indexed under the name of the firm only.

When no firm is indicated the authors' names have been arranged alphabetically, the entry appearing under the first name with cross references from the others.

Names beginning de, la, le, ter, van, von, etc., are indexed under the surname.

Abbreviations of Names of Firms, etc.

The abbreviations listed below have been employed in the Journal. The shortened names of firms have been used in abstracts of patent specifications, while those abbreviations in the form of initials have been used after the commercial names of dyes.

AAP			American Aniline Products Inc.	G			General Dyestuff Corpn.
AATC	C		American Association of Textile	Genera	al Anil	ine	General Aniline & Film Corpn.
			Chemists and Colorists	Gevae	rt		Gevaert Photo-Producten N.V.
BASF			Badische Anilin- & Soda-Fabrik	Gy			Geigy A.G. J. R.
Br			Brotherton & Co. Ltd.	-			The Geigy Co. Ltd.
BrC			British Celanese Ltd.	$\mathbf{H}\mathbf{W}$	***		Hickson & Welch Ltd.
CCC			American Cyanamid Co., Calco	IC			Interchemical Corpn.
			Chemical Division	ICI	***		Imperial Chemical Industries Ltd.
CFM			Cassella Farbwerke Mainkur	JR			James Robinson & Co. Ltd.
Ciba	***		Ciba Ltd.	LBH			L. B. Holliday & Co. Ltd.
Ciba C	layton		Ciba Clayton Ltd.	Monsa	nto		Monsanto Chemical Co.
DH			Durand & Huguenin S.A.	NAC			Allied Chemical & Dye Corpn.,
DuP	***	***	E. I. du Pont de Nemours & Co. Inc.				National Aniline Division
-	***			NCO			Naphtol-Chemie Offenbach
FBy	***	***	Farbenfabriken Bayer	Rhône	-Poule	ne	Société des Usines Chimiques Rhône-
FH	***	***	Farbwerke Hoechst				Poulenc
Fran			Société Anonyme de Matières	S	***	***	Sandoz A.G.
			Colorantes et Produits Chimiques				Sandoz Products Ltd.
			Francolor	TE			Tennessee Eastman Corpn.
			Compagnie Française des Matières	W			Williams (Hounslow) Ltd.
			Colorantes	YDC	***		Yorkshire Dyeware & Chemical Co. Ltd.

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Products described as Artificial, Imitation, Synthetic, etc. are indexed under the noun they describe.

Wherever possible polymeric compounds are indexed together and, in the case of copolymers, one entry only appears with the components arranged alphabetically.

So many systems are adopted for chemical names in the various journals abstracted that, in order to bring together as many as possible, they have, in general, been indexed under the parent group followed by the substituents arranged alphabetically.

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			,			

LIST OF BRITISH PATENTS ABSTRACTED

The date in brackets is that of the patent application

No. of Patent	Page	No. of Patent	Page	No. of Patent	Page	No. of Patent	Page	No. of Patent	Page	No. of Patent	Page	No. of Patent	Page	No. of Patent	Page
786,960	462	819,484	264	823,471	327	826,094	322	828,665	306	830,904	464	833,416	387	834,938	523
and	1 652	814	254	503	133	171	191	668 678	315 305	920 927	373 461	450 468	450 523	949 962	457 505
787,073	327			544	123	190	322	686	329	964	449	469	449	989	516
814,722	385	820,583	64	824,120	325	207	195	696 698	384	970 986	373 459	476 491	464 464	835,111	522
		626	50	121	325	219	191			989	449			120	523
816,630	135	990	51	125 138	134 123	251	305	704 712	317 307	994	382	525 548	449 457	238	466
817,003	367			163	321	306	198	735	307	831,042	379	563	458	247	598
134	202	821,001	50 51	168 171	244 128	326 375	320 324	757	264 327	128	373	568	450	251 267	557 558
194	202	029	91	1/1	120	376	324	770 797	367	136	366	602	462	275	563
286	247	331	50	214	258					141	461	605	449	287	572
311	194	926	51	251 269	329 133	404 405	305 195	822 826	368 315	163	379	607 631	458 458	313	516
374	195	963	49	277	255	479	202	831	329	220	450	651	458	360	503
384	243	822,009	49	280 284	128 128	689	248	847 852	318 385	227 243	382 375	668 669	461 456	363	467
564	317	013	52					002	300	245	449	674	461	430	520
614	199	027 046	139	300 339	128 329	770	190 190	903	384	297	464	679 697	505 523	441 459	513 514
615	190	047	45 52	344	305	785 798	191	907 913	307 327	371	512	699	464	470	512
617	200	051	62	388	133			922	384					490	512
723	199	061	45 52	398	324 321	858	327	924 983	324 326	635	451	748 773	505 520	502	518
723 724	199	096	50			959	247	000	020	731	382	788	505	516	505
741	191	123	44	409 426	128 327	827,003	325	829,001	326	765 792	378 451	809	520	550 579	598 598
864	254	125	58	443	128			016 023	306 320			829	517	581	651
871	196	001	105	459	132	195	243	042	314	810	374	832	457	586 596	597 598
992	366	231 266	135 44	476 489	329 127	303	305	075	321	840 843	456 455	859	510	597	598
		267	44			313	255	125	314	846	387	914	518		*10
818,008 017	196 255	323	55	509 519	248 133	343	305	177	382	851 852	461 375	943 945	468 522	618 628	513 609
034	191	365	45	530	196	419	258	296	366	853	450	996	503	634	607
108	197	394	44	556	135	429 430	243 259			880	374	834,014	503	637 649	566 609
110	313	447	139	558 572	197 327	432	325	443	382	881 898	450 458	039	457		
111	367	483	60	585	196	434	307	527	316			049	520	703	566 514
158	191	500	57	589	123	439 447	254 305	570	316	917 921	366 378	088	466	714 719	609
233	255	573	52	654	306	468	307	584	318	969	465	123	521	722	609
234 289	197 258	587 597	55 60	659 660	$\frac{129}{127}$	469 491	307 320	644	318	832,073	465	125	521 467	766 772	570 510
				690	324			674 699	385 316			160 170	467	779	563
332	254	603	56	709	190	500	321 306			106 111	449	184	466	797	651
333 334	243 191	616 638	58 44	749	133 123	536 563	317	701	306 375	199	459 456	225	504	809	514
337	244	673	60			567	247	788 790	377			225 255	503	819 874	513 566
348	136	709	53	941	327	568 569	317 318	005	901	203 206	451 456	270 275	511 503	880	564
416	191	732	51	825,010	133	570	313	835 877	381 376	239	458			892	515
489 492	198 204	734 735	49 60	017 032	324 123	577 586	264 306			285	456	304 308	512 504	893 894	514 515
		747	139	033	129			917 918	372 384	348	462	311	517	895	515
639 687	203 202	749	44	074 093	131 133	634 645	248 307	936	382	374	451	312 321	523 520	896 897	514 515
657	135	809	327			646	327	830,064	381	400	456	376	505	898	515
mor	191	833	243	121	305	647	326	088	384	444	462	388 393	503 520	899	597
735 736	198	855 858	123 51	142	325	655	314	099	368	453 485	462 459			908	510
750	197	894	136	311	128	731	325	108	378	486	459	403	503	914 927	572 651
756 778	191 257	936	123	354 361	255 325	745 773	247 264	139	384	498	449	410 413	505 503	927	691
790	255	946	139	377	195			246	377	523	449	454	467	836,040	557
828	201	948	135	402	322	848	305			622	458	456 457	513 503	080	524
831	197	949 961	50	404	130	984	243	306 310	383 379	636	458			108	558
844	244	962	135	413 421	129 133	992	247	348	382	650	367	509	504 457	204	568
845	204	967 974	140 201	431	196	828,008	305	400		664	466	518 525	466	248	511
911	255	986	130	503	135	012	306	403 446	376 377	707	465	526	466	251	596
912	255	997	135	507	322	049 051	$\frac{322}{317}$	****	011	746 779	451 449	527 528	466 466	477	651
943	258	823,003	130	551	264	052	318	506	366			551	522		
819,021	258	048	134	606	194	053 069	318 325	579	378	809 829	462 378	552 557	$\frac{522}{522}$	647	515 513
035	191	053 062	51 123	608	327	096	322	613	376	020	310	576	505		
165	197	064	51	611	259		004	620 625	367	833,075	464	580	518	808	523 615
174	313	098	202	703	190	195	384	634	383 380	082	450	582 589	503 503	831 859	596
181 192	244	113	244	704 751	251 196	202	244	635	464	122	458			885	596
192	411	168	191	771	195	231 236	244 366	740	451	132 143	456 458	612 634	518 516	921	562
203	259	221	51	803	321	400	300	749 777	386	145	523	638	503	988	569
251	243	227 247	129	805	191	329	247	778	387	146	450	714	400	995	511
314	313	247 257	134 131	838 857	251 195	353 375	313 305	797	382	201	450	714 757	468 465	837,000	648
319	249	277	201	873	305	386	325	800	451	204	462			010	652
320 333	254 258	327	196	912	195	390 394	313 247	836 841	449 386	212 284	465 522	843 845	517 467	035 058	511 633
361	259	393	50	965	248			847	373			850	466	058 072	466
440	0.00	395	123		255	469	327	851 880	377	361 396	450 456	857 888	517 462	124	512
440 457	243 316	405	324	826,005 009	249	516	305		367						
460	258	466	133	065	136	545	248	902	451	411	458	903	457	298	513

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LIST OF BRITISH PATENTS ABSTRACTED-continued

No. of Patent	Page														
837,317	610	838,335	561	839,566	614	840,830	566	841,910	604	843,241	706	844,794	697	847,175	696
326	514	336	570			846	568	927	602	243	645			181	696
327	514	337	559	634	615	847	568	930	640	288	633	822	705		
360	571	338	559	673	560	887	603	-	0.0	200	-	869	697	319	710
366	612	339	570	073		891	615	040 000	004	306	642	870	697	919	110
300	012	340	560	677	605	898	602	842,027	634	300		873	696		
				694	604	999	602	056	596	377	709	010	090	431	646
471	516	341	560					091	634			045 044	691	434	696
472	512	342	560	707	648	903	640			497	695	845,041			
		343	560	712	604	904	570	104	615			045	701	546	698
507	648	344	560	715	634	929	597	112	603	502	707	046	702	0.0	000
508	651	345	560	772	607	945	570	141	605	541	707			005	407
500	001	394	651	1112	001	972	597	141	000	941	101	220	696	635	697
						3.2	001							697	691
647	652	412	652	816	604	044 048		217	651	643	642	437	707		
674	603	412	002	840	604	841,017	564	266	607	644	642	462	701	832	710
686	633			886	605	020	609	279	598	645	698	491	641	845	691
697	568	657	560	891	651	050	597					401	044		
		687	648	896	610			393	651	713	700	567	641	959	703
709	635	691	648			156	614	000		759	699	586	699	939	100
710	635			918	604	169	609	400	051			580			
716	511	713	652	919	604	171	612	402	651	786	691	587	699	848,016	699
710		716	568	919		186	521	413	605			588	699		
750	648	727	653	923	635		563	414	605	839	708			380	701
				931	559	189	203	415	609	850	711	608	692	000	101
802	558	728	561					470	612			636	700	410	moo
804	564	735	648	840,108	648	226	609	492	652	985	602	644	692	419	700
835	557	755	562	127	635	256	613	496	612	000	002	661	709	458	707
851	561	784	633	170	634	260	609	100	012	844,062	601	667	709		
860	633	785	633	182	601	268	613	***	201	044,002	001	681	691	617	700
861	633	791	559	102	001	200	010	505	691	014	040		692		
874						000	561	587	654	214	640	688		849,376	698
8/4	571	817	597	215	646	300				216	601	690	708	040,010	Onc
		852	569	223	564	329	524	634	652	285	640				
926	615	802	909	282	562			646	643	286	703	731	692	538	691
935	513			285	633	401	652	674	598						
940	634	905	648			413	641	675	646	320	691	873	700	705	696
950	597	975	597	336	643	441	597			329	692	874	700	739	707
953	512	994	602	357	647			703	646	333	640			741	699
985	560			372	634	515	612	727	647	338	698	846,019	701	772	700
990	560	839,020	563	380	633	519	566	728	648	345	691	085	700	1	
			596	384						353	641	098	710	820	706
996	561	055	990	384	563	588	603	790	706	300		090	110	820	100
				391	597	597	604	791	643	382	707	101	708	050 150	mar
838,009	564	130	648			599	607			386	613	124		850,159	700
019	612	141	613	407	610			802	698	398	641	148	699		
025	597	189	615	440	633	640	598	857	708			171	712	317	698
036	652							829	634	405	700			390	710
	-	307	648	504	604	720	598	842	634	419	602	369	709		
180	613	360	523	1		734	602	879	654	476	702			422	697
2.30	0.0	377	598	605	642	762	597	-10		1		548	709		
271	563	397	610	000	042	773	597	933	698	554	691	554	692	559	697
2/1		007	010	740	041	1 700				994	001	562	705	000	001
296	648	40*	***	742	641	783	597	950	653	753	700	302	100	610	696
00-	***	407	597	760	602	00-	***	040.054	000	751	700	045 000	200	010	960
307	560	456	651	796	652	805	598	843,051	698	777	697	847,007	700		
311	560	483	650	797	652	831	598			780	692	059	703	726	710
312	570					881	604	116	703	784	705				
334	570	516	652	804	641	884	604	185	634	786	701	142	642	976	699

LIST OF UNITED STATES PATENTS ABSTRACTED

The date in brackets is that of the patent application

Bio Bio Bui

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Pa	No. of Patent	Page	No. of Patent										
6	2,915,370	516	2,910,375	613	2,905,585	372	2,902,366	322	2,898,179	130	2,892,838	129	2,877,252
•	371	613	399		2,000,000	376	384	327	180		2,002,000	129	2,811,202
€	372			458	666	377	385	021	100	124	872	d 317	an
é	392	467	450	450	680	3//	383						
	002	467		450	680	380	391	329	228	204	2,893,314	61	2,884,057
			453	450	681	377	393	329	229	204	315	61	058
6	419	467	454	450	682	385	397	326	238		0.0		000
6	472	518	466			385	398	020	200	202	811	325	326
	473	504	467	450	718	385	399			202		323	320
è	486	642	482	450	719	909	399	373	332	316	813		
è	407	516	495		719			374	337	324	814	313	,887,477
	487	910	490	450	720	367	453	374	343	315	815		
				450	721					313	816	315	2,889,317
	554	564	2,911,287			380	2,903,327	306	352	197	818	313	,,009,011
	559		-,,	377	2,906,587	383	328						
,	999	568	314	521	590		328	382	2,899,261	613	819	44	2,890,746
						366	376	321	262	204	881	-	
	2,916,385	572	325	466	591	380	381			197	886	52	839
	395	571	326	523	592	384	382	384	263	197	887		000
,	000			503	593	385	391	382	264			00	005
		563	415	518	594	900	991	318	278	198	890	60	925
(482	000	410	210	294							60	926
		010	0.010.00			367	424	004	040	191	913	44	942
	796	613	2,912,297	523	2,907,094	376	430	384	340	190	925	52	989
	790	557	298			385	432	384	341	136	975	02	000
				521	624	387	439						
	2,917,370	564	329	522	625			318	430	136	976	59	2,891,019
	374	30.1	920	522		374	450	219	430	315	986	314	048
	014			516	670	375	451			197	994	52	087
		564	433	505	676	375	452	327	965	317	998		001
	400	563	434	522	683	375	461	02.	000	311	880	55	007
-	401				000	375	462						837
	402	570	2,913,301	521	720	313	402	381	2,900,218	243	2,894,334	53	872
	409			321	720			327	270			60	874
		570	302	521	721	384	2,904,386	324	275	255	801	52	875
	410	571	338			383	387	384	279	258	855	45	876
	411	566	348	523	2,908,013	383	388	904	2/0	200	000	60	010
	412	558	369	467	042	383							877
	475	990	000	401	042		389	306	346	315	941	44	878
	492		409			383	390	325	354	314	942	53	879
	492	557	407	466	543	378	395	373	380				
		572	427	563	544					258	2,895,286	58	911
	518	566	432	522	572	378	402	376	390	251			911
	0.0	568	438	510	573					251	287	49	912
		601	450		979	384	455	264	710	251	288	52	978
	781	901	450	516	586			204	110	-			
						379	525			248	804	133	2,892,668
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•		607	374	511	677			305	376	240		124	672
,	395	604	381			385	571	613	390	258	850		
		004	991	562	684			619	390	244	853	133	710
3	428			562	685	366	954			259	891	133	734
3	438	615	492	562	690	366	981	368	444	248	892	124	736
,		604	495			000	001	320	447	240	094		
	441			467	2,909,443	440	0.005 500	307				133	756
,	465	601	522			449	2,905,522		451	248	955	133	794
			522	504	447	462	554	320	452	316	967	139	798
	0.010.170	603	537	505	448	462	555	328	453	010			100
2	2,919,172	603	538	504	458	462	556	383	463	255	2.897,040	124	803
3	173	603	551	504	459	458		374	479	200			803
	1	000	991				567	3/4	479	258	042	130	807
	005	arc	000	504	460	449	569			243	043	129	834
	205	652	836			451	570	380	813	613	095	129	835
3	206			514	520	613	583	000	. 510	010	000	130	836
3	258	633	875	505	545	613	584	332	902	917	100	130	
	1	000	510	000	040	019	364	332	902	315	186	130	837

LIST OF PERIODICALS ABSTRACTED

With Abbreviated Titles used

JANUARY-DECEMBER 1960

ABBREVIATED TITLE	JOURNAL	ADDRESS OF PUBLISHER
Amer. Dyestuff Rep	American Dyestuff Reporter	44 E. 23rd Street, New York 10, N.Y., U.S.A.
Anal. Chem	Analytical Chemistry	American Chemical Society, 20th and Northampton Streets Easton, Pa., U.S.A.
Analyst	Analyst	7–8 Idol Lane, London E.C.3.
Australian J. Biol. Sei	Australian Journal of Biological Sciences	Commonwealth Scientific and Industrial Research Organi- sation, 314 Albert Street, East Melbourne C2, Victoria Australia.
Biochem. J	Biochemical Journal	Cambridge University Press, Bentley House, 200 Euston Road, London N.W.1.
Biochim. Biophys. Acta	Biochimica et Biophysica Acta	Elsevier Publishing Company, Spuistraat 112, Amsterdam C. Holland.
Bull. centre recherches Bonneterie	Bulletin du Centre de Recherches de la Bonneterie	Centre de Recherches de la Bonneterie, 270 Rue du Faubourg Croncels, Troyes (Aube), France.
Bull, Chem, Soc. Japan	Bulletin of the Chemical Society of Japan	5, 1-Chome, Surugadai-Kanda, Chiyoda-ku, Tokyo, Japan
Bull. Inst. Text. France	Bulletin de l'Institut Textile de France	59 Rue de la Faisanderie, Paris XVI, France.
Bull. Soc. industr. Mulhouse	Bulletin de la Société Industrielle de Mulhouse	12 Rue de la Bourse, Mulhouse (Haut-Rhin), France.
Bur, Stand. J. Res	Journal of Research of the National Bureau of Standards	Superintendent of Documents, U.S. Government Printing Office, Washington 25, D.C., U.S.A.
Canadian Textile J	Canadian Textile Journal	Canadian Textile Journal Publishing Co. Ltd., 223 Victoria Avenue, Westmount, Montreal 6, Canada
Chem. Abs	Chemical Abstracts	American Chemical Society, 1155 16th Street, N.W. Washington 6, D.C., U.S.A.
Chem. and Ind	Chemistry and Industry	14 Belgrave Square, London S.W.1.
Chem. Trade J	Chemical Trade Journal	Davis Bros. (C.T.J.) Ltd., 147–149 Grand Buildings, Trafalgar Square, London W.C.2.
Chemiefasern		Deutscher Fachverlag G.m.b.H., Frankfurt/Main, Freiherr vom-Stein-Strasse 7, Germany.
Ciba Review	Ciba Review	Ciba Ltd., Basle, Switzerland.
Die Farbe	Die Farbe	Musterschmidt-Verlag, Göttingen, Turmstrasse 7, Postfact 421, Germany.
Doklady Akad. Nauk S.S.S.R		Academy of Sciences of the U.S.S.R., Leningrad 164, V.O. Tamozhenny perculok 2, U.S.S.R.
Dyer	The Dyer, Textile Printer, Bleacher and Finisher	Heywood & Co. Ltd., Drury House, Russell Street, Drury Lane, London W.C.2.
Endeavour		Imperial Chemical Industries Ltd., Millbank, London S.W.1
Faserforsch, und Textillech	Faserforschung und Textiltechnik	Akademie-Verlag G.m.b.H., Berlin W.8, Mohrenstrasse 39, Germany.
Helv. chim. Acta		Verlag Helvetica Chimica Acta, Basle 7, Switzerland.
Ind. Eng. Chem		American Chemical Society, 1155 16th Street, N.W., Washington 6, D.C., U.S.A.
Indian Textile J		The Indian Textile Journal Ltd., "Surya Mahai", Military Square, Fort, Bombay, India.
Izvestiya Akad. Nauk S.S.S.R., otdel. khim. nauk	Towned of the American Chamical Scalety	Academy of Sciences of the U.S.S.R., Moscow, B.Kaluzhskaye 14, U.S.S.R.
I. Amer. Chem, Soc I. Amer. Leather Chem. Assoen.	Journal of the American Chemical Society Journal of the American Leather Chemists' Association	1155 16th Street, N.W., Washington 6, D.C., U.S.A. 228 North Green Street, Easton, Pennsylvania, U.S.A.
. Amer. Oil Chem Soc	Towns of the American Oil Chamista' Society	35 E. Wacker Drive, Chicago, Illinois, U.S.A.
. Appl. Chem	Journal of Applied Chemistry	Society of Chemical Industry, 14 Belgrave Square, London S.W.1.
Applied Polymer Sci	Journal of Applied Polymer Science	Interscience Publishers Ltd., 88–90 Chancery Lane, London W.C.2.
. Assocn. Off. Agric. Chem	Journal of the Association of Official Agricultural Chemists	Association of Official Agricultural Chemists, Washington D.C., U.S.A.
J. Biol. Chem	Journal of the Chemical Scalety	Mount Royal and Guilford Avenues, Baltimore 2, Maryland U.S.A.
I.C.S	Journal of the Chemical Society	Burlington House, London W.1.
Chem. Phys	Journal of Chemical Physics Journal of Chromatography	American Institute of Physics, Lancaster, Pennsylvania, U.S.A. Elsevier Publishing Co., 110–112 Spuistraat, Amsterdam
. Chromatography	Journal of Chromatography	Holland.
I. Colloid Sci	Journal of Colloid Science	Academic Press, Mount Royal and Guildford Avenues. Baltimore, Maryland, U.S.A.
I. Indian Chem. Soc	-	92 Upper Circular Road, Calcutta 9, India.
J. Oil & Col. Chem. Assocn	Association	Wax Chandlers' Hall, Gresham Street, London E.C.2.
J. Opt. Soc. Amer		American Institute of Physics, Prince and Lemon Streets Lancaster, Pennsylvania, U.S.A. American Chemical Society, 20th and Northampton Streets
I Di-t-1 di		
J. Physical Chem J. Plastics Inst	Journal of Physical Chemistry Transactions and Journal, The Plastics Institute	Easton, Pa., U.S.A. 6 Mandeville Place, London, W.1.

LIST OF PERIODICALS ABSTRACTED—continued

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Technology	Nature	Nature	Macmillan & Co. Ltd., St. Martin's Street, London, W.C.2.
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ABBREVIATIONS AND SYMBOLS

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34, tr. 3, ch 181, No distinction is made in abbreviations between singular and plural

In special cases abbreviations and symbols other than those in the list may be used, but as far as possible they will be as given either in standard English dictionaries or in *British Standard* 1991:Part 1:1954. From January 1961 all abbreviations and symbols used will be those given in *BS* 1991: Part 1

absolute abs. acid value	o y) itie com- itie com- itie com- itie com- itie com- itie yy ganic		p.d. ib. pdr. pptr. pptd. pptd. pptn.
alkyl radical (in chemical formula)	o y) itie com- itie com- itie com- itie com- itie com- itie yy ganic		P. p.d. lb. pdr. pptd. pptd. pptd. pptn. c y- qual. quant. r. recryst. n R.H.
formula) Alk alternating current A.C. ampère amp. A.C. ampère amp. Angström unit A. anhydrous anhydrous anhydrous anhydrous anhydrous anhydrous anhydrous anhyd. approximate, -ly approx aqueous aqueous aq aynmetric (applied to organic compounds) as- atmosphere (pressure unit) at anhydrogen ion concentration at .	o y) value value yanie		p.d. ib. pdr. pptr. pptd. pptd. pptn.
alternating current A.C. ampère amp. Angström unit A. A. anhydrous anhyd. approximate, -ly approx., ca., ~ aqueous aq. aq. aq. ary radical (in chemical formula) asymmetric (applied to organic compounds) atmosphere (pressure unit) atm. atm. atomic at to organic weight at to at to boiling point b.p. bp. iodine value in. recrystallised refractive indeplication for situation (negative unit) atm. bp. hour to hr. qualitative(ly) quantitative(ly) quantitative(ly) quantitative(ly) attemption concentration (negative unit) atm. logarithm) pH chemistry) chemistry to in. recrystallised refractive indeplete in in. recrystallised refractive indeplete in in recreative indeplete in recreative in recreative revolutions per second	o y) itie com- y) itie itie		ib. pdr. ppt. pptd. pptd. pptn. c
ampère amp. Angström unit A. anhydrous anhyd. approximate, -ly approx., ca., ~ aqueous aq. aryl radical (in chemical formula) Ar asymmetric (applied to organic compounds) as- atmosphere (pressure unit) at. atomic at. atomic weight at. wt. inch in. atomic weight at. wt. inch in. inorganic insoluble insol. boiling point b.p. British Patent BP British Patent BP British thermal unit B.Th.U. calculated calc. laevorotatory laevo, (-). selss than < calculated calc. calcrigrade cal. calcrigrade cal. contentrated conc. concentrated conc. concentrated conc. concentrated conc. concentrated conc. concentrated conc. concentrated conc. configuration (carbohydrates and amino acids) D-, L- constant const. containing more than n carbon atoms containing nc containing millilitre milligram mg. compound) gallon (U.S.A.) gal.(U.S.A.) German Patent GP precipitate precipitate precipitate precipitated > precipitate precipitated precipitated precipitated precipitated precipitated > precipitate precipitated precipitated precipitated precipitated precipitated > precipitate precipitate deprecipitate precipitated prec	o o y) ite com- yy) ite ite ite ite ite ite ite		pdr. pptd. pptd. pptn.
ampère	o y) ide com- y) ide		ppt. pptd. pptn. c y- qual. quant. r. recryst. n R.H.
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aryl radical (in chemical formula) Ar horse power h.p. hour hr. qualitative(ly) asymmetric (applied to organic compounds) as- hour hr. hundredweight cwt. hydrogen ion concentration (negative insoluble	y) y) ite ex lity or minute value ganic	 te	qual. quant. r- recryst. n R.H.
formula)	y) nie ex lity r minut value ganie	 te	qual. quant. r- recryst. n R.H.
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asymmetric (applied to organic compounds) as- atmosphere (pressure unit) atm. atomic at. logarithm) pH chemistry) atomic weight at. wt. inch in. Baumé Bé. insoluble insol. boiling point b.p. iodine value I.V. British Patent BP British Patent BP British thermal unit B.Th.U. kilocalorie kcal. saponification saturate(d) calculated calc. laevorotatory laevo, (-). calculated cal. less than < second s	y) nic ex dity or minute value ganic	 te	quant.
atmosphere (pressure unit) atm. atm. atomic at. atm. logarithm) pH chemistry) recrystallised refractive independent of the properties of the pro	ox lity or minus	 te	recryst.
unit) atm. logarithm) pH racemic (organitomic weight at. wt. inch	ox lity or minus value ganic	te	recryst. n R.H.
atomic at. at. logarithm) pH chemistry) atomic at. at. logarithm) pH chemistry) atomic at. wt. inch in. in. refractive inde refractive	ox lity or minus value ganic	te	recryst. n R.H.
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Baumé Bé. inch inorganic incy refrective inde inorganic insoluble insoluble insoluble relative humic restrictive inde restrictive inde inorganic insoluble insoluble insoluble insoluble relative humic restrictive inde relative humic restrictive inde restrictive inde restrictive inde restrictive inde restrictive inde restrictive inde refrective inde inorga. refrective inde inorga. refrective inde refrective inde inorga. Insoluble sevolution seven seponification second	ox lity or minus value ganic	te	R.H.
Baumé Bé. insoluble insol. relative humic boiling point b.p. iodine value I.V. revolutions per British Patent BP kilocalorie kcal. kg. saturate(d) second calc. laevorotatory laevo, (-). second calcrie cal. less than < second second second compound cpd. logarithm (natural) ln soluble soluble soluble second	value	te	R.H.
Baumé Bé. insoluble insol. relative himid revolutions per	value	te	
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British thermal unit B.Th.U. Rilogram Rilogram Rig. Saturate(d)	ganie		
Second S	ganie		S.V.
calculated calc. laevorotatory laevo, (-). second calorie cal. less than secondary (or compound) Centigrade c logarithm (decadic) log compound soluble compound) centimetre cm. logarithm (natural) ln soluble solution compound concentrated concentrated concentrated maximum mp. specific gravit configuration concentrated concentrated meta mp. specific gravit substituted millioreor mg. substituted substituted substituted milliampere max symmetrical (or compound) oxygen, etc containing more than n carbon atoms containing millimetre ml. ml.	ganie		sat.*
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hydrates and amino microgram μg . substitution o acids) Dr. L. milron μg . substitution o oxygen, etc onstant const. milliampere ma. symmetrical (o compound) carbon atoms containing millilitre ml. millimetre mm. temperature	n., etc.)	sq.
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acids)			
constant const. milliampere ma. symmetrical (o containing more than n milligram mg. compound) > n C millimetre mm. temperature			N-, O-, etc
containing more than n milligram mg. compound) carbon atoms containing millilitre ml. > n C millimetre mm. temperature		***	11, 0, 00
carbon atoms containing millilitre ml mm. temperature			
> n C millimetre mm. temperature	***	***	. 8-
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jective) cryst. minimum min. turns per inch			. t.p.in.
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cubic centimetre c.c. molar (concentration) M. or M-			
molecular, -e mol. United States	Paten	t	. USP
decomposition decomp. molecular weight mol. wt. unsaturated			unsat.*
degree of polymerisation D.P.			unsubst.*
density d normal (concentration) N. of N.			
derivative deriv. deriv. normal (organic com-			. n
dextrorotatory dextro (+). pound) n. volt	***		. v.
and normal temperature and			vol.
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not greater than			***
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wavelength			. λ
electromotive force e.m.f. organic org. weight	***	***	. wt.
equimolecular equimol. ortho o-			- 3
equivalent equiv. ounce oz. yard	***		. yd.

Only in describing general formulae in the Abstracts Section.